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103516142

cket No.: PF070013

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- THIERRY TAPIE  
- SERGE DEFANCE  
- BERTRAND HUGUES

Additional name(s) of  
conveying party(ies)  
attached:

Yes

No ☒

3. Nature of conveyance:

☒ Assignment  
☐ Security Agreement  
☐ Other

Merger

Change of Name

Execution Date: March 17, 2008; March 17, 2008 and March 17, 2008 respectively

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No (s):

12/011655 29/JAN/2008

2. Name and address of receiving party(ies):

Name: THOMSON LICENSING

Street Address: 46 Quai A. Le Gallo

Boulogne-Billancourt

92100

FRANCE

Additional name(s) & address(es) attached?

Yes

No ☒

Additional numbers attached?

Yes

No

☒

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: JOSEPH J. LAKS

Internal Address: THOMSON LICENSING LLC  
PATENT OPERATIONS

Street Address: P. O. Box 5312

City: PRINCETON State: NEW JERSEY Zip: 08543-5312

6. Total number of applications and patents involved:

7. Total Fee (37 CFR 3.41):

\$40.00

Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

07-0832

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true  
copy of the original document

Jeffrey M. Navon

Name of Person Signing

Signature

Reg. No.

32,711

Date

JUL 22, 2008

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PATENT  
REEL: 021304 FRAME: 0539

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT**

WHEREAS Thierry TAPIE, 23 rue Emile Bernard, F-35700 RENNES, France; Serge DEFRANCE, 46 square Louis Boulanger, F-35700 RENNES, France; Bertrand HUGUIES, 163A avenue du Général Patton, F-35700 RENNES, France; hereinafter referred (collectively) to as the assignor, has invented a certain improvement relating to

**UNDERSAMPLED CLOCK SIGNAL SYNCHRONIZATION AID DEVICE AND DEVICE FOR  
RECONSTRUCTING UNDERSAMPLED CLOCK SIGNALS, FOR A PACKET-SWITCHED  
NETWORK**

for which said assignor has caused an application for United States Letters Patent to be prepared,

- ( ) the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- (X) said application having been filed in the United States Patent and Trademark Office on January 29, 2008      Serial Number    12/011655      ;

AND WHEREAS

THOMSON LICENSING  
46 quai Alphonse Le Gallo  
F-92100 Boulogne Billancourt  
FRANCE

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith

EXECUTED, this 17 day of March 2008

WITNESSES:

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Signature: [Signature]

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ASSIGNOR:

Signature: [Signature]

Name: Thierry TAPIE

EXECUTED, this 17 day of March, 2008

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quartier de la Haye

Signature: [Signature]

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quartier de la Haye

ASSIGNOR:

Signature: [Signature]

Name: Serge DEFRANCE

EXECUTED, this 17 day of March, 2008

WITNESSES:

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Address: 1, rue de la Haye 35520  
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Signature: [Signature]

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ASSIGNOR:

Signature: [Signature]

Name: Bertrand HUGUIES